

WERLE, J.

4167

Górzńska J., Mójewska H., Werle J.  
między 'Low Temperature Tar'.

688.731.4

From the Study of Physical Che-

"Z badań nad fizykochemią smoły niskotemperaturowej". Przemysł Chemiczny. No. 10, 1955, pp. 575-579, 7 figs., 1 tab.

The physico-chemical characteristics and composition of low temperature coal tar. On the basis of three distillations of raw oil, the possibility was analysed of forming azeotropes of different kinds. Certain phenomena occurring while distilling light gasoline and medium oil from low temperature tar are discussed, and a description is given of an attempt at partial separation of aliphatic hydrocarbons from aromatic compounds by azeotropic distillation with phenol and acetic acid. The most important differences between low temperature and high temperature tar and Polish petroleum are outlined.

Chem

PM

500

3

WERLE, J.

Poland/Chemical Technology - Chemical Products and Their Application. Treatment of Solid Mineral Fuels, I-12

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62539

Author: Gorzynska, J., Majewska, I., Werle, J.

Institution: None

Title: Physicochemical Investigation of Low Temperature Tar

Original

Periodical: Z badan nad fizykochemia smoly niskotemperaturowej, Przem. chem., 1955, 11, No 10, 575-579; Polish; Russian and English resumés

Abstract: Presented are the characteristic and composition of semicoking coal tar. Distillations of crude oil are used as examples in considering the possibility of formation of various types of azeotropic mixtures. An attempt is made to effect partial separation of fractions by azeotropic distillation with phenol and acetic acid. Noted are the differences between petroleum, high and low temperature tars from the standpoint of the formation of polyazeotropic mixtures. It is shown that acetic acid forms with mesitylene an azeotropic mixture boiling 0.03° lower than acetic acid.

Card 1/1

WERLE, J.

✓ 1682. SINGULAR POTENTIALS IN RELATIVISTIC EQUATIONS OF MOTION. J.W. Polonsky. Acta phys. Polon., Vol. 11, No. 3, 335-44 (1956). 530.146  
 It is shown that in the relativistic equations of motion for a particle moving in external potentials some additional forces of purely relativistic origin appear. These forces are repulsive for scalar and pseudoscalar potentials in spite of the apparently attractive character of the potential; they prevent the particle from coming too near to the singularity of the potential. An adiabatic approximation of the interaction potential for two nucleons interacting through the pseudoscalar field has been obtained. An interesting feature of this potential is a strong repulsive term acting at short distances between the nucleons.

RAW  
 221

WERLE, J.

POLAND

J. Werle: "Polarisation of  $\mu$ -Mesons and Electrons in K-Meson Decays,"  
Nuclear Physics, Vol. 4, No. 1(1957), Amsterdam, August 1957, pp 171-  
182. Published from the Department of Theoretical Physics, University  
of Manchester (on leave of absence from the Physics Institute of the  
University of Warsaw). Received 25 March 1957.

WERLE, J.

Werle, J.: "Polarization of  $\mu$ -Mesons and Electrons in K-Meson Decays:  
A Correction," Nuclear Physics, Vol. 4, No. 5, (Amsterdam), November  
1957, p. 693. Published from the Institute for Nuclear Research,  
Warsaw. Received by publisher--28 September 1957.



W x KL 2 5

POLAND/Theoretical Physics - Quantum Mechanics

B-4

Abs Jour : Ref Zhur - Fizika, No 9, 1958, No 19657

Author : Werlo J.

Inst : Not Given

Title : Violation of the Conservation of Parity in Weak Interactions

Orig Pub : Postopy fiz., 1957, 8, No 5, 549-566

Abstract : Survey. Bibliography, approximately 20 titles.

Card : 1/1

POLAND/Nuclear Physics - Elementary Particles

C-3

Abs Jour : Ref Zhur - Fizika, No 3, 1959, No 5073

Author : Werle J.  
 Inst : Institute for Nuclear Research, Polish Academy of Sciences  
 Title : Kinematic Depolarization of  $\mu$ -Mesons Emitted in  $\pi$  - Meson  
 Decays

Orig Pub : Bull. Acad. polon. sci. Ser. sci. metho., astron., et phys.,  
 1958, 6, No 1, 51-55

Abstract : The author calculates the longitudinal polarization of muons, arising during the decay of moving pions. It is assumed that the pion that decays at rest gives a fully longitudinally polarized muon. The magnitude of the longitudinal polarization  $l$  turns out to be strongly dependent on the kinetic energy of the pion and on the angle between the momenta of the pion and the muon. Graphs are given for this dependence. The longitudinal polarization, averaged over all the directions of the emergence of the muon, is of the following form:  
 $l = 1 - 0.061 E_{kin}$ , where  $E_{kin}$  is the kinetic energy of the

Card : 1/2

Q

POLAND/Nuclear Physics - Penetration of Charged and Neutral Particles C-6  
Through Matter

Abs Jour : Ref Zhur - Fizika, No 5, 1959, No 10183

Author : Werle J., Wrzecionko J.

Inst : Warsaw University, Poland

Title : Cherenkov Radiation of Polarized Electrons

Orig Pub : Bull. Acad. polon. sci. Ser. sci. math., astron. et phys.,  
1958, 6, No 3, 191-194 XV

Abstract : The author considers the Cherenkov radiation of polarized electrons. The change of polarization of the radiation, due to polarization of electrons is most substantial at small angles. However, the effect turns out to be too small to be able to determine the polarization of the electrons by measuring the polarization of the Cherenkov radiation. -- A.G. Sitenko

Card : 1/1



POLAND/Theoretical Physics - Quantum Theory of Fields.

B

Abs Jour : Ref Zhur Fizika, No 11, 1959, 24218

Author : Werle, J.

Inst : Institute of Nuclear Research, Polish Academy of Sciences

Title : Transition Matrices for Reactions Between Two Bosons and Two Fermions

Orig Pub : Bull. Acad. polon. sci. Ser. sci. math., astron. et phys., 1958, 6, No 7, 477-479, XXVIII

Abstract : An explicit form is constructed for the structure of the transition matrix M for five different types of reactions between two bosons and two fermions, when the spins of the fermions are equal to one half, and the spins of the bosons are respectively 0 and 0, 1 and 0, and 1 and 1. The consequences of the gauge invariance are considered for the structure of the reaction matrix in the case when one of the bosons is a photon. -- L.I. Lapidus

Card 1/1

- 5 -

MAJEWSKA, H.; WERLE, J.

Azeotropic method for examining some fractions of the light oil from low-temperature coal tar containing mainly benzene. In English. *Bul Ac Pol chim* 6 no.9:601-604 '58. (REAI 9:6)

1. Basic Organic Raw Materials Department, Institute of Physical Chemistry, Polish Academy of Sciences. Physico-Chemical Laboratory, Institute of General Chemistry, Polish Academy of Sciences. Presented by W. Swietoslawski.

(Oils and fats) (Coal tar) (Benzene) (Azeotropes)

WERLE JANINA

COUNTRY : Poland  
CATEGORY :

H-22

ABS. JOUR. : RZKhim., No. 20 1959, No. 72581

AUTHOR : Werle, J.; Majewska, H.  
INST. : Polish Institute of Physical Chemistry - UNIV WARSAW  
TITLE : Azeotropic Procedure of Investigation of Light Gasoline from Low-Temperature Carbonization Tar.

ORIG. PUB. : Roczn. chem., 1958, 32, No 5, 1183-1188

ABSTRACT : Description of an azeotropic method developed by the Institute of Physical Chemistry (Polish People's Republic) for investigation of light gasoline from low-temperature carbonization tar. Fractions of boiling range 60-150°, obtained on fractionation of gasoline, are distilled in the presence of compounds forming azeotropic mixtures (AM) with aliphatic hydrocarbons and naphthenes. Low boiling fraction containing benzene is fractionated with excess acetone, middle fraction containing toluene -- with excess methyl alcohol, high boiling fraction containing isomeric xylenes -- with excess pyridine. Thus, the corresponding ternary and quaternary AM are separated. The

CARD: 1/2

59

CARD: 2/2

00513R001961520014

WERLE, J.

Conversion of olefins present in the light oil obtained from low-temperature coal tar into alcohols containing from six to eight carbon atoms. Bul Ac Pol chim 7 no.1:23-27 '59. (EEAI 9:7)

1. Physicochemical Laboratory of the Institute of General Chemistry, Polish Academy of Sciences. Presented by W.Swietoslawski.  
(Olefins) (Coal tar) (Alcohols)  
(Petroleum) (Carbon)

WERLE, J. (Warsaw, Poland)

Training of theoretical physicists in Poland. Fiz szemle 10 no.7:  
219-220 J1 '60.

S/058/62/000/003/024/092  
A061/A101

AUTHOR: Werle, J.

TITLE: On some problems of the S-matrix formalism for unstable particles

PERIODICAL: Referativnyy zhurnal, Fizika, no. 3, 1962, 45, abstract 3A395 ("Bull. Acad. polon. sci. Sér. sci. math. astron. et phys.", 1961, v. 9, no. 3, 207 - 210, English; Russian summary)

TEXT: It is shown that a term  $iM$ , whose matrix element determines the probability of decay for one of the particles, is formally introduced into the phenomenological S-matrix:  $S = 1 + iM + iT + iR$  suggested by the author in earlier papers (RZhFiz, 1959, no. 3, 4908; no. 6, 12206) for an arbitrary transformation of particles into others, and developed on the explicit assumption of a definite mass of the particles concerned. Then, the direct use of the condition of unitarity  $SS^+ = 1$  reveals a number of contradictions in the suggested scheme of S-matrix formalism. For the process  $\Sigma^- \rightarrow n + \pi^-$  (1), in particular, the system of equations is obtained on the basis of the condition of unitarity which connects the matrix elements  $M$ ,  $T$  ( $n + \pi^-$  scattering),  $R$  (the remaining admissible elements for  $\Sigma^-$ ,  $n$ ,  $\pi^-$  processes), in which some of the terms turn out to be infinite.

Card 1/2



On some problems of the...

S/058/62/000/003/024/092  
A061/A101

The contradiction concerned is explained by the disregard of the absence of a definite mass of  $\Sigma$  in the scheme (due to instability). To eliminate the infinite terms, it is suggested that the mass ( $m_1$ ) of the  $\Sigma$ -particle be formally considered variable, and all quantities be functions of  $m_1$  (the specific dependence on  $m_1$  is not presented), and that the system of equations be generalized for the matrix elements by integrating the initial system over  $m_1$ . The system of equations so obtained is solved on a rough model assumption, and the resulting solution is the one known already earlier for the reaction of type (1). It is further suggested that the rigorous system of equations obtained be used to study the correctness and the range of applicability of the approximations applied to obtain the solution. ✓

L. Khalfin

[Abstracter's note: Complete translation]

Card 2/2

MARKOWSKA-MAJEWSKA, H.; WERLE, J.

Investigation method of xylene fractions separated from light oil of low-temperature coal tar. Bul chim PAN 10 no.6:303-309 '62.

1. Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw. Presented by W. Swietoslowski.

MAJEWSKA, H.; WERLE, J.

Conversion of synthine-derived olefins to the  $C_5-C_8$  alcohols. Bul  
chim PAN 10 no.9:501-506 '62.

1. Institute of Physical Chemistry, Polish Academy of Sciences, and  
Institute of General Chemistry, Warsaw. Presented by W. Swietoslawski.

RACZKA, R.; WERLE, J.

Angular correlations at the annihilation process  $\bar{N} + N \rightarrow \pi + \omega$   
at rest. Bul Ac Pol nat 11 no.8:549-551 '63.

1. Institute for Nuclear Research, Polish Academy of  
Sciences, and Institute of Theoretical Physics, University,  
Warsaw. Presented by L. Infeld.

SZYMACHA, A.; WERLE, J.

On the problem of discrete quantum numbers for three particle states. Bul Ac Pol mat 11 no.8:557-560 '63.

1. Institute of Theoretical Physics, University, Warsaw,  
and Institute for Nuclear Research, Polish Academy of  
Sciences, Warsaw. Presented by L. Infeld.

MARKOWSKA-MAJEWSKA, H.; WERLE, J.

Examination of toluene fractions obtained from light oil of low-temperature coal tar, mixed with methanol as azeotropic agent. *Bul Ac Pol chim* 7 no.8:535-540 '59. (EEAI 10:4)

1. Basic Raw Materials Department, Institute of Physical Chemistry, Polish Academy of Sciences. Physicochemical Laboratory, Institute of General Chemistry, Warsaw. Presented by W. Swietoslawski.  
(Toluene) (Tar oils) (Coal tar) (Methanol)  
(Azeotropes)



WERLE, J.

On some problems of the S-matrix formalism for unstable particles.  
Bul Ac Pol mat 9 no.3:207-210 '61.

1. Institute for Nuclear Research, Polish Academy of Sciences and  
Institute of Theoretical Physics, University, Warsaw. Presented by  
L. Infeld.

(Particles)

WERLE, Janina

Analysis of bases separated from heavy benzene of low-  
temperature coal tar. Przem chem 42 no.10:545-548 0'63.

1. Zakład Fizykochemiczny, Instytut Chemii Ogólnej, Warszawa.

WERMER, Tamas

WERMER, Tamas, dr.

Intradiaphragmatic abscess. Orv. hetil. 95 no.22:613-614 30  
May 54.

1. A Pestmegyei Korhas Korbonotani Osztalyanak kozlomenye  
(DIAPHRAGM, abscess  
intradiaphragmatic)  
(ABSCISS  
intradiaphragmatic)

WERMER, Tamas, dr.

Pulmonary aspergillosis. Orv. hetil. 97 no.4:108-111 22 Jan 56.

1. A Budapesti Orvostudományi Egyetem I. sz. Kóronctani és  
Kísérleti Raktató Intézetének (igazgató: Baló József dr. egyet.  
tanár) és a Koranyi Frigyes és Sándor Kórház Kóronctani Osztályának  
(igazgató: Pethő Imre dr.) közleménye.

(ASPERGILLOSIS

lungs, with moniliasis, pathol. (Hun))

(MONILIASIS

lungs, with aspergillosis, pathol. (Hun))

(LUNGS, dis.

aspergillosis & moniliasis, pathol. (Hun))

CSILLAG, Anna, dr.; WERMER, Tamas, dr.

Histoplasmosis. Orv. hetil. 97 no.35:964-967 26 Aug 56.

1. Az Országos Kozegészségügyi Intézet (főigazgató: Tako, József, dr.)  
és a Budapesti Orvostudományi Egyetem. I. Kóronctani és Kísérleti  
Rákkutató Intézetnek (igazgató: Baló, József, dr. egyet. tanár)  
közleménye.

(HISTOPLASMOSIS, differ. diag.

Hodgkins dis., histopathol. (Hun))

(HODGKINS DISEASE, differ. diag.

histoplasmosis, histopathol. (Hun))

WERMER, Tamas, dr.; MERENYI, Istvan, dr.

2 cases of fibrosarcoma of the kidney. Magy. sebeszet 14 no.2:124-127  
Ap '61.

Az Orvostovábbképző Intézet Urológiai osztályának közleménye.

(FIBROSARCOMA case reports) (KIDNEYS neopl)



MERENYI, I.; WERMER, T.

On healing of ureterotomy wounds in rabbit experiments. Acta chir. Acad. Sci. Hung. 3 no.2/3:215-220 '62.

1. Urologische Abteilung (Chefarzt: Dr. Gy. Farago) des Ärztlichen Fortbildungsinstitutes, Budapest.  
(URETER surgery)

FARAGO, Gyorgy, dr.; WERMER, Tamás, dr.; LANYI, Marton, dr.

A case of double ureter complicated by megaloureter. Magyar  
sebesz. 16 no.6:397-400 D '63.

1. Az Orvostovábbképző Intézet (igazgató: Prof. Magyar Imre  
dr.) Urologia osztályának (főorvos: Farago György dr.) és  
Röntgen Tanszékének (főorvos: Prof. Deák Pál dr.) közleménye.  
(URETER) (ABNORMALITIES) (NEPHRECTOMY)  
(UROGRAPHY) (PATHOLOGY)

BERAL, H.; WERMESCHER, B.; MUREA, L.; MADGEARU, M.; CUCIUREANU, E.

Amperametric dosing of Multergen. Rev chimia Min petr 15 no.12:  
764 D '64.

1. Institute for State Control of Medicine and Pharmaceutical  
Research, Bucharest.

BERAL, H.; WERMESCHER, B.; MUREA, L.; CUCIUREANU, El.; MADGEARU, M.

Study of the amperometric dosing method using cerium sulfate as a titration agent with application to the promethazine determination. Rev chimie Min petr 16 no.2: 105 F '65.

1. Institute for State Control of Medicine and Pharmaceutical Research, Bucharest.

COUNTRY : Rumania  
 CATEGORY : H-17  
 ABS. JOUR. : RZKhim., No. 16 1959, No. 58104  
 AUTHOR : Vasiliev, R. and Wermescher, B.  
 INST. : Not given  
 TITLE : The Determination of Trace Amounts of Anesthesin

ORIG. PUB. : Farmacia (Rumania), 6, No 3, 229-232 (1958)

ABSTRACT : The authors have developed a colorimetric method for the determination of anesthesin [ethyl amino-benzoate (I)], based on the diazotization of I and coupling of the products obtained with  $\beta$ -naphthol in aqueous acetone. The advantages of the method are the production of a dye soluble in aqueous acetone, elimination of the need for extraction of the dye with a solvent which is immisible with water, and the possibility of the determination of small concentrations of I. The

CARD: 1/2

COUNTRY : Rumania  
CATEGORY :

H-17

ABS. JOUR. : RZKhim., No. 16 1959, No.

58104

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : relative error of the determination is less  
than  $\pm 2\%$ . The method can be applied to the  
quantitative determination of I in various  
pharmaceutical preparations.

From authors' summary

CARD: 2/2



COUNTRY : RUMANIA H  
 CATEGORY : Chemical Technology. Chemical Products and Their  
 Application. Pharmaceuticals. Vitamins. Antibio\*  
 ABS. JOUR. : RZhKhim., No 17, 1959, No. 61835  
 AUTHOR : Vasiliyev, R.; Cosmin, A.; Wermesher, B.; Mangu, M; \*\*  
 INSTITUTE : -  
 TITLE : Nitrometric Method for Quantitative Determination  
 of Certain Sulfamides: Sulfanilamide, Sulfaguanidine,\*  
 ORIG. PUB. : Pharmacia (Romin.), 1958, 6, No 4, 327-332

ABSTRACT : Described is application of the nitrometric  
 method for quantitative determination of cer-  
 ain sulfamides. Orange IV is used as an indi-  
 cator. The determinations are carried out in the  
 presence of KBr which acts as catalyst. Check of  
 the obtained results is made with the aid of the  
 potentiometric method and gives close values. The  
 method is simple and requires little time to per-  
 form.

\*tics.

\*\*Burnea, I.

\*Sulfadiazine.

Card:

1/1

H - 71

MUREA, Larisa; WERMESCHER, B.; BERAL, H.

Applying amperometric titration with two electrode indicators in drug control. II. Bromination reaction by substitution as applied to resorcin. Rev chimie Min petr 12 no.12:723-726 D '61.

1. Institutul pentru Controlul de Stat al Medicamentului si Cercetari Farmaceutice.

(Drugs) (Bromination) (Resorcinol)

WERMESCHER, B.; MUREA, Larisa; BERAL, H.

Methods of amperometric titration with two indicating electrodes, applied to drug control. III. Determination of some sulfamides with potassium bromate. Rev chimie Min petr 13 no.2:105-107 F '62.

1. Institutul pentru Controlul de stat al medicamentului si cercetari farmaceutice.

BERAL, H.; MUREA, L.; WERMESCHEN, B.

Application of the amperemeter method with two indicator electrodes in controlling medicaments. V. Rev chimie Min petr 13 no.4:239-240 Ap '62.

SOLOMON-IONESCU, I.; ENACHE, St.; WERMESCHER, B.

Contributions to the study of the determination of quinine  
injectable quinine-urethane solution. Rev chimie Min petr  
13 no.7:433 J1 '62.

RUMANIA

BERAL, H.; MUREA, L.; WERMESCHER, B.; MADGEARU, M.; CUCIUREANU, E.

Institute of State Control of Medicines and Pharmaceutical  
Research (Institutul pentru controlul de stat al  
medicamentelor si cercetari farmaceutice) - (for all)

Bucharest, Farmacia, No 3, Mar 63, pp 161-168.

"Application of Ampermetric Titration Methods with two Indicative  
Electrodes in the Control of Drugs. VII. Study of the  
Conditions of Ampermetric Titration of Certain Sulfonamides  
with a Silver Nitrate Solution."

(5)

WERMESCHER, B.; MUREA, L.; BERAL, H.

Application of the method of amperometric determination with  
two electrode indicators in the control of medicaments. IV.  
Rev chimie Min petr 13 no.3:172-173 Mr '62.

L 31452-66 EWP(t)/ETI IJP(c) JD/JB

ACC NR: AP60231P2

SOURCE CODE: RU/0003/65/016/002/0105/0105

AUTHOR: Boral, H.; Wermescher, B.; Murea, L.; Cuciureanu, El.; Madgearu, H.

ORG: Institute for the State Control of Drugs and Pharmaceutical Research (Institutul pentru controlul de stat al medicamentelor si cercetari farmaceutice)

TITLE: Study of the method of amperometric determination using cerium sulphate as titration agent with special application to the determination of promethazine

SOURCE: Revista de chimie, v. 16, no. 2, 1965, 105

TOPIC TAGS: amperometric titration, cerium compound

ABSTRACT: The authors found that amperometric titration using cerium sulfate is a satisfactory method for the determination of promethazine with an applied current of 10 to 200 millivolt, 2 platinum electrodes and the sulfuric acid concentration maintained at 2.5 N. The error of the method is within  $\pm 0.70$  percent. Orig. art. has: 1 figure and 1 table. [JPRS]

SUB CODE: 07 / SUBM DATE: none / OTH REF: 002

Card 1/1



BERAL, H.; MUREA, L.; WERMESCHER, B.; MADGEARU, M.; CUCIUREANU, E.

Study of the amperometric titration conditions of some sulfonamides with sodium nitrate solution. Rev chimie Min petr 14 no.1:50 Ja '63.

1. Institutul pentru controlul de stat al medicamentelor si cercetari farmaceutice.

BERAL, H.; WERMESCHER, B.; MUREA, L.; MADGEARU, M.; CUCIUREANU, E.

Ampereometric study of the addition reaction of bromine to double bonds illustrated by the determination of phanodorn and evipan. Rev chimie Min petr 14 no.1:49-50 Ja '63.

1. Institutul pentru controlul de stat al medicamentelor si cercetari farmaceutice.

WERMINSKI, K.

The PMZ6 deformeter for nonlinear deformations, p.13

RADIOAMATOR

Warszawa, Poland

Vol.9, no.1, Jan. 1959

Monthly List of East European Accessions Index, (EEAI)IC, Vol.8, no.6

June 1959

Uncl.

WERMUT, Wladyslaw; ZIELINSKA, Anna; CICHOLSKA, Aniela

Certain problems of pathogenesis and clinical aspects of giant thrombi in the left cardiac auricle. Polskie arch. med. wewn. 26 no.3:427-434 1956.

1. Z III kliniki Chorob Wewnętrznych Kierownik: prof. dr. med. J. Penson, Zakładu Radiologii. Kierownik: prof. dr. med. W. Grabowski i Zakładu Anatomii Patolog. A.M. w Gdansk. Kierownik: prof. dr. med. W. Czarnocki, Gdańsk, III Klinika Chorob Wewnętrznych A.M. ul. Słuzka 9/10.

(HEART,

intracardiac thrombus in left auric., giant (Pol))

(THROMBOSIS,

intracardiac thrombus in left auric., giant (Pol))

VERMUT, Wladislaw

New concept of acquired hemolytic anemia. Polski tygod. lek. 10 no.7:  
220-223 14 Feb 55.

1. Z III. kliniki chor. wewn. A.M. w Gdansk; kier. prof. dr.  
J.Penson.

(ANEMIA, HEMOLYTIC  
new concepts)

WERMUT, Wladyslaw; MARKIEWICZ, Janina

Clinic of acquired hemolytic anemia. Polski tygod. lek. 10 no.  
19:616-622 9 May '55.

1. Z III Kliniki Chorob Wewnętrznych A.M.w Gdansk; kierownik:  
prof. dr Jakub Penson) III Klin.Chor.Wewn. Ak. Med.Gdansk. ul.  
Sluza 9/10

(ANEMIA, HEMOLYTIC, pathology)

WERMUT, Wladyslaw; STOLARCZYK, Julian

Case of congenital defect of the interventricular septum (Roger's disease) associated with subacute bacterial endocarditis and subacute nephritis. Polskie arch.med.wewn. 25 no.3:467-472 '55.

1. Z III Kliniki Chorob Wewnętrznych. Kierownik: prof. dr med. J. Penson; orza z Zakładu Anatomii Patologicznej A.M. w Gdansk  
Kierownik: prof. dr med. W. Czarnocki. III Klinika Chorob Wewnętrznych A.M. Gdansk, ul. Slusa 9/10.

(CARDIOVASCULAR DEFECTS, CONGENITAL,

septal defect with subacute bact.endocarditis & nephritis)

(ENDOCARDITIS, SUBACUTE BACTERIAL, complications, congen. interventricular septum defect & nephritis)

(NEPHRITIS, complications, endocarditis, subacute bact, & interventricular septal defect.

WERMUT, Wladyslaw

Case of acquired hemolytic anemia with acute abdominal symptoms. Polskie arch.med. wewn. 26 no.11:1735-1736 1956.

1. Z III Kliniki Chorob Wewnętrznych A.M. w Gdansk  
Kierownik: prof. dr. med. J. Penson, Gdansk-Wrzeszcz, ul.  
Słuzka 9/10.

(ABDOMEN, ACUTE, diagnosis,  
anemia, hemolytic acquired (Pol))  
(ANEMIA, HEMOLYTIC, complications,  
acute abdom. in acute (Pol))



WERMUT, W.; SWICA, S.; WAJDA, Z.

Case of symptomatic hypertension cured by removal of hypoplastic kidney. Polski tygod. lek. 13 no.42:1635-1638 20 Oct 58,

1. (Z II Kliniki Chorob Wewnetrznych A. M. w Gdansk; kierownik: Prof. dr J. Penson i z III Kliniki Chirurgicznej A. M. w Gdansk; kierownik: prof. dr Z. Kieturakis) adres: Gdansk, Panstw. Szpital Kliniczny II Kliniki Chorob Wewnetrznych.

(HYPERTENSION, case reports

renal, cure by removal of hypoplastic kidney (Pol))

(KIDNEYS, abnorm.

hypoplasia causing hypertension, cure by nephrectomy (Po))

WERNUT, Wladyslaw

Anuria as a sequel of chronic renal diseases. Polski tygod.lek.  
15 no.22:841-844 30 My '60.

1. Z II Kliniki Chorob Wewnetrznych A.M. w Gdansk; kierownik:  
prof. dr Jakub Penson.  
(ANURIA etiol)

WERMUT, Wladslaw

Protein supply and proteinuria in some nephrotic syndromes. Polski tygod. lek. 16 no.49:1837-1889 4 D '61.

1. Z II Kliniki Chorob Wewnetrznych A.M. w Gdansk; kierownik: prof. dr Jakub Penson).

(PROTEINS urine)

(KIDNEY DISEASES urine)

WERMUT, Wladyslaw

Cystic kidneys. Pol. arch. med. wewn. 34 no.11:1499-1504  
'64.

1. Z II Kliniki Chorob Wewnętrznych Akademii Medycznej w  
Gdansk (Kierownik: prof. dr. med. J. Penson).

WERMUT, Wladyslaw

Paper electrophoresis of proteins in the urine in some kidney diseases. Pol. tyg. lek. 20 no.2:54-56 11 Ja '65.

1. Z II Kliniki Chorob Wewnetrznych Akademii Medycznej w Gdansk (Kierownik: prof. dr. med. J. Penson).

WERNUT, Wlacylaw

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1. Z II Kliniki Chorob Wewnętrznych Akademii Medycznej w Gdansk (Kierownik: prof. dr. med. J. Penson).

WERNDL, Zbigniew

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the Coal Mining Industry in 1962. Wiadom gorn 14 no.2/3:80-84 F-Mr  
'63.

WERNER, Andrzej, mgr inz.

Testing pneumatic self-generating oscillators consisting  
of two integral action parts. Inst techn ciepl prace 10  
no.23:47-57 '64.

1. Zaklad Automatyki i Regulacji, Instytut Techniki  
Cieplnej, Lodz.



WERNER, Andrzej, mgr inż.

New method of measuring small gas flows. Gosp paliw  
13 no.1:Suppl:Biul inst techn ciepl 13 no.1:39 Ja '65.

1. Department of Automation and Control of the Institute of  
Heat Engineering, Lodz.

WERNER, Hjalmar.

Restore international ties. Vsem.prof.dvizh. no.12:10-11 D '55.

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1. Rukovedyachshiy rabotnik Stekgel'makego profsoyuza stroiteley.  
(Sweden--Trade unions)

WERNER, H.

JASIENSKI, S.; WERNER, H.; SWIEZY, A.

Surgical treatment of primary & secondary malignant neoplasms  
of the mandible. Polski przegl. chir. 29 no.1:15-24 Jan 57.

1. Z Instytutu Onkologii w Krakowie Dyrektor: doc. dr.  
H. Kolodziejaska i z Instytutu Onkologii w Warszawie  
Dyrektor: prof. dr. Fr. Lukaszczuk. Adres autorow:  
Krakow, ul. Kopernika 21.

(MANDIBLE, neoplasms

primary & secondary, surg. indic. (Pol))

WERNER, Hans, Obering. (Leipzig)

The MABS type multiblade band saw. Drevo 18 no.4:153 Ap '63.

CZERUCKI, Wladyslaw; WASOWSKI, Janusz; WERNER, Isolda

Effect of partial hepatectomy on protein and sugar levels in  
the blood, serum in dogs. Polski przegl.chir. 31 no.12:1283-1289  
D '59.

1. Z III Kliniki Chirurgicznej A. M. w Lodzi Kierownik: prof.  
dr W. Tomaszewicz i z Zakladu Fizjologii A. M. w Lodzi  
Kierownik: s-ca prof. J. Syss.

(BLOOD PROTEINS)

(BLOOD SUGAR)

(LIVER physiol)

WERNER, J.

Possibilities of saving materials in automobile production. p. 38. (TECHNIKA  
MOTORYZACYJNA, Vol. 4, No. 2, Feb., 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec.  
1954, Uncl.

WERNER, J.

HUNG.

3. Electronic time measuring device — J. Werner.  
(*Méres és Automatika* — Vol. 4, 1954, No. 7, pp. 210-213, 3 ill.)

The paper deals with a direct reading electronic time-measuring device covering the millisecond range. The beginning and the end of the interval to be measured are both signaled to the instrument by an impulse. The measuring instrument produces a voltage characteristic of the time to be measured which is read on a d-c valve voltmeter calibrated in time units. The relationship between the voltage and the time interval is determined by calibrating measurements. The reference time is a steady signal of known frequency, e.g. the duration of one cycle of a sinusoidal wave, but may also be a full cycle. A single half cycle of a steady sine wave is cut out by a circuit consisting of two bistable multivibrators and this is used to control the measuring instrument. Finally, a practical connection diagram is given for the measurement of the transit time of relays.

BY [signature]

WERNER, J.

Testing cogwheels. p. 173

TECHNIKA MOTORYZACYJNA vol. 6, no. 6, June 1956

Warszawa, Poland

so. EAST EUROPEAN ACCESSIONS LIST vol. 5, no. 10 Oct. 1956



WERNER, J.

The Poznan International Fair is a yearly automobile exhibition in Poland, p. 763

PRZEGLAD TECHICZNY (Naczelna Organizacja Techniczna)  
Warszawa, Poland  
Vol. 79, no. 16, August 1958.

Monthly list of East European Accessions Index (EEAI), LC, Vol. 8, No. 11,  
November 1959  
Uncl.

WERNER, J.

Trends in Automobile construction. p. 763.

PRZEGLAD MECHANICZNY. (Stowarzyszenie Inzynierow I Technikow Mechanikow Polskich) Warszawa, Poland. Vol. 18, no. 23, Dec. 1959.

Monthly List of East European Accessions (EEAT) LC, Vol. 9, no. 2, Feb. 1959.  
Uncl.

WERNER, Jerzy, prof.; SZCZEPANIK, Cezary, mgr inz.

Hydrostatic transmission in the automobile driving system.  
Techn motor 13 no. 5/6: 154-158 My-Je '63.

1. Katedra Budowy Samochodow, Politechnika, Lodz.

WERNER, Jerzy, prof. zw.; SZRENTAWSKI, Janusz, prof. dr

The Polytechnic College in Lodz. Przegl mech 22 no.7/8:204-206  
10-25 Ap '63.

1. Rector, Technical University, Lodz, and Head, Department of Automobile Design, Technical University, Lodz (for Werner).
2. Dean, Division of Mechanics, and Head, Department of Technology of Metals, Technical University, Lodz.

WERNER, K.

"Coordination and specialization of agricultural production in socialist enterprises of the German Democratic Republic"

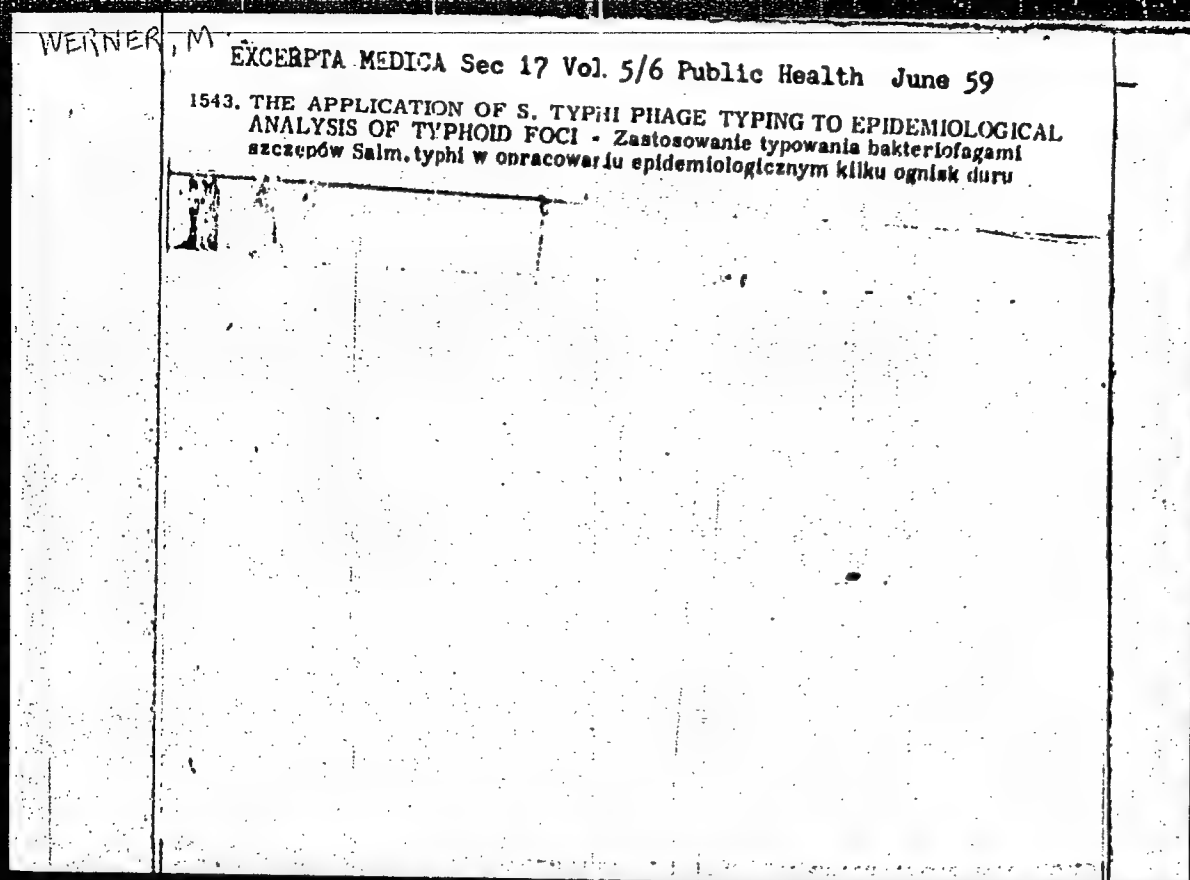
Sbornik. Rada Zemedelska Ekonomika. Praha, Czechoslovakia. Vol. 32, no. 1, Jan 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclass

WERNER, Marek; SIKORSKA, Jadwiga

Bacteriophage-typing of *Salmonella typhi* in epidemiological investigation of several foci of typhoid fever. Przegl. epidem., Warsz. 12 no.2: 123-126 1958.

1. Z Wojewodzkiej Stacji Sanitarno-Epidemiologicznej w Lublinie  
Dyrektor: dr C. Horoch Ioradca naukowy: doc. dr med. W. Mirkowski.  
(*SALMONELLA TYPHOSA*,  
typing with bacteriophage of strains isolated in epidemic  
foci in Poland (Pol))



1543

brzusznego - Werner M. and Sikorska J. Wojew. Stacji Sanit. -  
Epidemiol., Lublin - PRZECIL. EPIDEM. 1958, 12/2 (123-126)  
Epidemic foci of typhoid appearing in 1956 in Lublin Province were investigated  
by phage-typing of strains isolated from patients and persons sharing houses with  
patients. The results obtained, along with data of the routine epidemiological in-  
vestigation, were extremely useful in the epidemiological analysis of the foci. This  
method permitted establishment of the probable source of infection in 3 cases. In  
one case, links between 2 remote foci were established.



WERNER, Ruza, Prof. D-r; MITROVIC, Stanislav

Contribution to the study on the effect of sounds on the structure of the mouse thymus. God.Zborn,Med,Fak,Skopje no.10:130-139 '63.

1. Institut za histologiju i embriologiju medicinskog fakulteta u Skopju (Direktor: Prof. D-r R. Werner).

WERNER, St., dr.; GUERMAN, I., dr.

Adams-Stokes syndrome treated with corticosteroids.  
(Observations on a case). Med. intern. (Basel) 16  
no.9:1137-1141 S '64.

1. Incarare efectuata la Sectia de boli interne a Spitalului  
unificat din Esiu Mare.

**WERNER S.**

**Example of Mechanical Equipment for Preparing Moulding Sand.** - S. Werner. (Przyglad Dolewnictwa, 1951, vol. 1, May, pp. 122-128). [In Polish]. The mechanization of the preparation of moulding sand and its economic advantages are discussed. --V. O.

**ASIM-SLA METALLURGICAL LITERATURE CLASSIFICATION**

**COLLECTIONS**

**RECORDING UNIT**

WERNER, S.

WERNER, S. A few remarks about the military repertoire. p. 19. Vol. 6,  
no. 5, Mar. 1956. ZOLNIERZ POLSKI. Warszawa Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

KUNSTATSKY, Jiri, prof. inz. DrSc.; HRUSKA, Jiri, inz.; SEDLACEK, Antonin, inz.; WERNER, Vlad.

Evaluation of the effect of the Morava River regulation. Vodni hosp 14 no.2:61-64 '64.

1. Higher School of Technology, Brno (for Kunstatsky). 2. District Water Resources Agency, Uherske Hradiste (for Hruska). 3. Regional Water Resources Development and Investment Center, Brno (for Sedlacek). 4. Distric Water Resources Agency, Hodonin (for Werner).

WERNER, W.; CZAGACBANIAN, H.; WISNIEWSKI, R.

"Bar Conductors in Industrial Power Installations." p.31  
(PRZEGLAD ELEKTROTECHNICZNY Vol. 30, no. 1, Jan. 1954 Warszawa, Poland)

SO: Monthly List of East European Accessions, IC, Vol. 3, no. 5, May 1954/Uncl.

WERNER, W., mgr., inż.; DUBICKI, B., prof., dr., inż.; KUHN, S., prof., dr., inż.

Communication no. 6 on the nomination of experts by the Association of Electrical Engineers. Przegl elektrotechn 38 no. 2: 1 of cover '62.

1. Dyrektor Izby Rzeczoznawców Stowarzyszenia Elektryków Polskich (for Werner) 2. Przewodniczący Rady Nadzorczej Izby Rzeczoznawców Stowarzyszenia Elektryków Polskich (for Dubicki) 3. Przewodniczący Komisji Kwalifikacyjnej Izby Rzeczoznawców Stowarzyszenia Elektryków Polskich (for Kuhn)

WERNER, Z.

"Potassium Salts." p.45

(PRZEGLAD GEOLOGICZNY No. 1/2, Jan./Feb. 1954 Warszawa, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Unc1.



WERNER, Z.; Poborski, J.

Oil seepage in the salt mines of Kujawy. p. 574.  
(PRZEGLAD GEOLOGICZNY. Vol. 4, no. 12, Dec. 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957.  
Uncl.

WERNER, Zbigniew

Salt dome at Lanieta, North-West of Kutno. Przegl geol 9 no.11:  
574-575 '61.

1. Instytut Geologiczny, Warszawa.

(Poland--Salts)

BAKOWSKI, Jozef; WEINER, Zbigniew

Marking of geologic mining plans on the example of the salt mine in Kłodawa. Przegl geol 91 no.11:594-596 '61.

1. Kopalnia Soli Kłodawa (for Bakowski) 2. Instytut Geologiczny, Warszawa (for Werner)

(Poland—Salt mines and mining)

ORSKA, Jadwiga; WERNER, Zbigniew

Laboratory methods for salt rock investigations. Przegl geol 9  
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1. Instytut Geologiczny, Warszawa.

(Salt) (Testing laboratories)

WERNER, Zbigniew; JAWORSKI, Andrzej

Discovery of the artesian thermal hydrogen sulfide water near  
the city of Lodz. Przegl geol 10 no.10:544-545 0 '62.

1. Instytut Geologiczny, Warszawa.

WERNER-BRZEZINSKA, Hanna

LEWINSKI, Tadeusz; WERNER-BRZEZINSKA, Hanna.

Babcock-Bacon's abdomino-perineal excision of the rectum with preservation of the sphincter; indications and remote results. Polski tygod. lek. 12 no.26:989-996 24 June 57.

1. Z Oddzialu Chirurgicznego Instytutu Onkologii im. Marii Sklodowskiej-Curie w Warszawie; kierownik Oddzialu; doc. dr med. T. Koszarowski; dyrektor Instytutu: prof. dr med. Fr. Lukaszczuk. Adres: Warszawa 32, ul Pochyla 7 m 2.

(RECTUM, surgery.

Babcock-Bacon's abdom.-perineal excis. with preserv. of sphincter (Pol))

NOWICKI, Jan; WERNER-BRZEZINSKA, Hanna

Qualitative evaluation of resection of large intestine according to Grekow's method. Polski tygod. lek. 13 no.45:1773-1777 10 Nov 58.

1. Z Oddziału Chirurgicznego Instytutu Gruźlicy w Warszawie, dawniej Szpital Wolski; kierownik, prof. dr med. L. Manteuffel. Adres: Warszawa, ul. Krasickiego 27 m. 1.

(COLON, surg.

Grekow's sigmoid resection (Pol))

KOSZAROWSKI, Tadeusz; RUDOWSKI, Witold; WERNER-BRZEZINSKA, Hanna

Our experience with the surgery of cardio-esophageal cancer. Pclaki  
przegl. chir. 33 no.7/9:735-737 '61.

1. Z Oddziału Chirurgicznego Instytutu Onkologii w Warszawie  
Dyrektor Instytutu: prof. dr J.Laskowski Kierownik Oddziału  
Chirurgicznego: prof. dr T.Koszarowski.  
(STOMACH NEOPLASMS surg) (ESOPHAGUS neopl)



KOSZAROWSKI, Tadeusz; RUDOWSKI, Witold; WERNER-BRZEZINSKA, Hanna

Evaluation of the effectiveness of cardio-esophageal cancer therapy. Pol. tyg. lek. 17 no.4:127-132 22 Ja '62.

1. Z Oddziału Chirurgicznego Instytutu Onkologii w Warszawie;  
dyrektor Instytutu: prof. dr med. J. Laskowski; kierownik  
Oddziału Chirurgicznego: prof. dr med. T. Koszarowski.  
(ESOPHAGUS neopl) (STOMACH NEOPLASMS surg)

Werner-Wieckowska, H.

100

3072

551.19(084.3)

Werner-Wieckowska, H.

Problems of Method in Compiling Maps of

Shallow Ground Waters.

Zagadnienie metodyzno mapy plytkich wod gruntowych". Gos-  
podarka, Wodna, No. 6, 1953, pp. 214-217, 3 figs., 1 tab.

Shallow ground water maps showing hydroisohyps or hydroisoballs  
determining the thickness of the dry layer are of practical value in  
town planning, forestry and agriculture, and also in the planning of  
building schemes. The author suggests how to compile such maps on  
the basis of the measurement of the water level in wells, boreholes  
and springs. The accuracy of such maps may vary according to the  
actual purpose for which they are required, and correct methods should,  
therefore, be adapted to the individual means of compiling them.

72  
551.5

WERNER-WIECKOWSKA, H.

"Gospodarka Wodna; a Review of a Periodical." P. 174,  
(PRZEGLAD GEOGRAFICZNY. POLISH GEOGRAPHICAL REVIEW, Vol. 26, No. 1, 1954, Warszawa,  
Poland.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3,  
No. 12, Dec. 1954, Uncl.

WERNER-WIECKOWSKA, H.

"Aims and Methods of Geographical Investigation of Ground Water." P. 106,  
(PRZEGLAD GEOGRAFICZNY, POLISH GEOGRAPHICAL REVIEW, Vol. 26, No. 2, 1954, Warszawa,  
Poland.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3,  
No. 12, Dec. 1954, Uncl.

WERNER-ZAMOJSKA, F.

POLAND/Organic Chemistry - General and Theoretical Topics of Organic Chemistry. G-1

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 46601

Author : O. Achmatowicz, F. Werner-Zamojska

Inst : Academy of Sciences of Poland.

Title : Chemistry of Carbonyl Cyanide. III. Mechanism of Reaction Between Carbonyl and Olefins Containing CH-C<sup>≡</sup>C Group.

Orig Pub : Bull. Acad. polon. sci., 1957, cl. 3, 5, No 9, 923-925

Abstract : The reactions of CC(CN)<sub>2</sub> (I) with pentene-1, pentene-2, trimethylethylene (II) and α-methylstyrene (III) were studied. The reactions proceed with 2 moles of I similarly to the formerly described interaction of I with allylbenzene (RZhKhim, 1957, 37584) and result

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Organic Chemistry.

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correspondingly in the following

substance [the yield in %, the boiling points in °C/mm,  
nD(t)-s and d<sub>4</sub>(t)-s are presented]:  
C<sub>2</sub>H<sub>5</sub>CH·CHCH<sub>2</sub>C(CN)<sub>2</sub>OCOON - 85, 73 to 17/0.20, 1.4478 (25),  
1.0405 (25); CH<sub>3</sub>CH·CHCH(CH<sub>3</sub>)C(CN)<sub>2</sub>OCOON - 100, 78 to  
80/0.45, 1.4492 (20), 1.0775 (20); CH<sub>2</sub>=C(CH<sub>3</sub>)CH(CH<sub>3</sub>)-  
-C(CN)<sub>2</sub>OCOON - 83, 97 to 98/1.2, 1.4519 (25), 1.0745  
(25); CH<sub>2</sub>=C(C<sub>6</sub>H<sub>5</sub>)CH<sub>2</sub>C(CN)<sub>2</sub>OCOON (V) - 77, melting

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of Organic Chemistry.

G-1

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 46601

point 75 to 76.5°, - , - . In the cases of II and III  
in the cold, the following products of reaction with  
1 mole of I are forming:  $\text{CH}_2=\text{C}(\text{CH}_3)\text{CH}(\text{CH}_3)\text{C}(\text{CN})_2\text{OH}$

(VI) and  $\text{CH}_2=\text{C}(\text{C}_6\text{H}_5)\text{CH}_2\text{C}(\text{CN})_2\text{OH}$  (VII), which are able

to react with I further producing IV and V. VI and  
VII split off HCN at heating and produce  $\alpha$ -ketoni-  
tryls  $\text{CH}_2=\text{C}(\text{CH}_3)\text{CH}(\text{CH}_3)\text{COCN}$ , yield 57%, boiling point

45 to 46/10 mm,  $d_4^{20} = 0.9300$ ,  $n_D^{20} = 1.4330$ , and  
 $\text{CH}_3\text{C}(\text{C}_6\text{H}_5)=\text{CHCOCN}$ , yield 80%, melting point 40 to 42°.

A reaction mechanism based on these transformations is  
proposed (see the scheme).

See report II in RZhKhim, 1958, 39559.

Card 3/3

WERNER-ZAMOJSKA, F.; ACHMATOWICZ, O.

Note on organic acids of Lycopodium annotinum, L. selago, and L. clavatum.  
p. 1127

ROCZNIKI CHEMII. (Polska Akademia Nauk) Warszawa, <sup>POLAND</sup> Vol. 32, no. 5, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959

UNCL.



HEWELKE-GRABOWSKA, Jadwiga; WERNER-ZARZYCKA, Izolda

Cured case of 2-stage rupture of a normal spleen in a newborn infant. Pol. tyg. lek. 20 no.25:938-939 21 Je '65.

1. Z Oddziału Chirurgicznego Szpitala im. Janusza Korczaka w Łodzi (Ordynator oddziału: dr. Jadwiga Hewelke-Grabowska).

WERNERA, Zespol

Werner's syndrome. Przegl. dermat., Warsz. 8 no.3:277-289 May-June 58.

1. Z Kliniki Dermatologicznej A. M. w Warszawie Kierownik: prof. dr S. Jablonska. Adres: Warszawa, Klinika Dermatologiczna Akademii Medycznej, ul. Koszykowa 82a.

(PROGERIA, case reports  
Werner's synd. (Pol))

(CATARACT, case reports  
same)

WERNEROWA, JADWIGA.

Nauka o czlowieku, dla klasy VII; wskazowki dla nauczyciela. (Napisali)  
Jadwig Wernerow i Jan Zabinski.

Warszawa, Poland. Panstwowe Zakladr Wydawn. Szkolnych, 1957, 110p.

Monthly List of European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959

Uncl.

WERNICKE, Walter.

[Baking; theory and practice of the baking of bread and other products] Klebopechenie; teoriia i praktika prigotovleniia khleba i khlebnykh izdelii. Izd.2., perer. Moskva, Pishchepromizdat, 1960. 347 p. (MIRA 14:8)

(Bakers and bakeries)